Cruise Narrative

Sale Name:	COUNTY LINE	**Region:**	NORTHWEST
App. #:	75687	**District:**	BAKER
Lead cruiser:	JIM PAST	**Completion date:**	04/18/06
Other cruisers on sale:	NONE		

Unit acreage specifications:

Unit #	Cruised acres	Cruised acres agree with sale acres? Yes/No	If acres do not agree explain why.
1	15.2	YES	UNIT 1 INCLUDES UNITS 1 A,B,C&D
1-E	9.9	YES	UNIT 1-A INCLUDES ONLY UNIT 1-E
2	26.4	YES	UNIT 2 INCLUDES UNITS 2 A,B&C

Unit cruise specifications:

Unit #	Sample type (VP, FP, ITS,100%)	Expansion factor (BAF, full/ half)	Sighting height (4.5 ft, 16 ft.)	Grid size (Plot spacing or % of area)	Plot ratio (cruise: count)	Total number of plots
1	VP	54.45 40.00	4.5	265'X200'	CRUISE ALL	13
1-E	VP	54.45 40.00	4.5	265'X200'	CRUISE ALL	10
2	VP	54.45 40.00	4.5	265'X200	CRUISE ALL	22

Sale/Cruise Description:

Minor species cruise intensity:	USED 40.00 BAF ON RED ALDER ONLY. USED 54.45BAF ON ALL OTHER SPECIES
Minimum cruise spec:	MINIMUM DBH: 8 INCHES MINIMUM TOP DIAMETER: 5 INCHES OR 40% OF 16'FORM POINT
Avg ring count by sp:	**DF =** 9 **WH =** 9 **SS =**
Leave/take tree description:	TAGGED OUT LTA'S WERE DEDUCTED FROM GROSS ACREAGE.SOME LEAVE TREES WERE PAINTED BLUE SEVERAL YEARS AGO WHILE OTHERS WERE PAINTED RECENTLY. ALL TREES WITH ANY BLUE PAINT WERE TREATED AS LEAVE TREES AND IGNORED ON PLOTS. ALSO SOME TREES WERE REPAINTED WITH BLACK PAINT, THESE TREES WERE INCLUDED IN CRUISE AS TAKE TREES.
Other conditions	UNIT 1 CONSISTS OF ALL UNIT 1 SUB-UNITS EXCEPT UNIT 1-E. UNIT 1 IS MOSTLY OLDER MATURE CONIFER WHILE UNIT 1-E IS A MIX OF HARDWOODS AND CONIFER OF DIFFERENT SIZES AND AGE. UNIT 2 CONSISTS OF ALL UNIT 2 SUB-UNITS WHICH ARE ALL OLDER MATURE CONFER. ALL UNITS ARE HELICOPTER YARDING EXCEPT UNIT 1-E WHICH IS A CABLE SETTING.

Field observations:

FOLLOW WHITE FLAGGING INTO UNITS 2A,B OFF OF THE END OF THE ML-1000 THROUGH PCT SLASH TO ACCESS SALE AREA. BEST ACCESS TO UNIT 2-C IS FROM THE ML1400 LANDING. FOLLOW WHITE FLAGGING INTO UNITS 1-A,B FROM ML1600 SPUR.

Grants: 01=26.7_____ 03=17.4_____ 04=7.4_ _____ _____

Prepared by: JIM PAST

Title: NORTHWEST REGION FOREST CRUISER

CC: THERESA KLEPL

TC PSPCSTGR

Species, Sort Grade - Board Foot Volumes (Project)

T36N R04E S01 TyU002	26.40
T37N R04E S36 TyU001	15.20
T37N R07E S36 TyU01E	9.90

Project: CNTYLINE

Acres 51.50

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Date 4/19/2006
Time 7:43:12AM

Spp	S T	So Gr rt ad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent of Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-30	31-35	36-99	Average Log: Ln Ft	Bd Ft	CF/ Lf	Logs Per /Acre
WH		DM2S	46	5.8	7,572	7,133	367			54	46			100		32	302	1.80	23.6
WH		DM3S	43	3.6	6,763	6,517	336	4	68	26	1		1	99		32	92	0.68	70.9
WH		DM4S	11		1,638	1,638	84	70	29	0		20	38	42		15	17	0.31	94.5
WH	**Totals**		27	4.3	15,973	15,289	787	9	32	36	22	2	5	93		24	81	0.75	189.1
RC		DM3S	74	11.1	1,515	1,347	69	4	49	28	19		4	96		31	117	1.16	11.5
RC		DM4S	26	2.1	469	459	24	70	30			12	39	49		17	19	0.35	23.8
RC	**Totals**		3	9.0	1,984	1,806	93	20	44	21	14	3	13	84		21	51	0.73	35.3
DF		DM3P		.0	314	314	16				100			100		32	1134	5.69	.3
DF		DMSM	22		7,612	7,612	392				100			100		32	708	3.62	10.8
DF		DM2S	56	1.1	20,082	19,856	1,023		1	23	75			100		32	437	2.33	45.4
DF		DM3S	19	1.1	7,061	6,987	360	0	50	48	2	1	6	93		31	127	0.91	55.1
DF		DM4S	3	8.1	906	833	43	24	74	2		32	27	41		15	21	0.41	40.5
DF	**Totals**		64	1.0	35,975	35,602	1,833	1	12	22	65	1	2	97		27	234	1.58	152.1
RA		DM2S	21	11.3	713	633	33		24	63	13			100		32	176	1.32	3.6
RA		DM3S	25	5.3	748	708	36		63	37				100		32	129	0.94	5.5
RA		DM4S	54	22.6	1,996	1,545	80	20	76	4		8	8	85		23	30	0.43	51.6
RA	**Totals**		5	16.5	3,457	2,886	149	11	62	25	3	4	4	92		24	48	0.56	60.7
BR		DM4S	100	27.9	380	274	14	58	42					100		18	17	0.36	16.5
BR	**Totals**		0	27.9	380	274	14	58	42					100		18	17	0.36	16.5
BM		DM4S		100.0	115											32		1.06	1.0
BM	**Totals**			100.0	115											32		1.06	1.0
Totals				3.5	57,885	55,856	2,877	4	21	26	48	1	3	95		24	123	1.02	454.6

TC PSTATS

PROJECT STATISTICS

PROJECT CNTYLINE

DATE 4/19/2006

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
36N	04E	01	COUNTY LINE	U002	51.50	45	231	S	W
37N	04E	36	COUNTY LINE	U001					
37N	07E	36	COUNTY LINE	U01E					

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	45	231	5.1		
CRUISE	45	231	5.1	8,624	2.7
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	108	41.3	24.2	105	28	131.7	35,975	35,602	6,474	6,475
WHEMLOCK	71	73.6	14.8	69	17	87.6	15,973	15,289	3,334	3,333
R ALDER	31	27.4	13.4	62		26.9	3,457	2,886	824	823
WR CEDAR	16	16.5	14.5	56		18.9	1,984	1,806	557	557
BIRCH	4	8.2	9.9	54		4.4	380	274	106	108
BL MAPLE	1	.5	20.0	66		1.0	115		32	33
TOTAL	*231*	*167.4*	*17.2*	*75*		*270.6*	*57,885*	*55,856*	*11,328*	*11,328*

SAMPLE TREES - BF

SD: 1	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF TREES REQ. 5	7	INF. POP. 10
DOUG FIR	140.9	9.3	556	613	669			
WHEMLOCK	238.6	15.7	105	125	144			
R ALDER	298.4	19.6	15	18	22			
WR CEDAR	482.0	31.7	10	15	20			
BIRCH	778.1	51.2	0	1	1			
BL MAPLE								
TOTAL	*103.5*	*6.8*	*719*	*771*	*824*	*428*	*219*	*107*

TREES/ACRE

SD: 1	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10
DOUG FIR	110.0	16.4	35	41	48			
WHEMLOCK	109.7	16.3	62	74	86			
R ALDER	235.2	35.1	18	27	37			
WR CEDAR	218.6	32.6	11	16	22			
BIRCH	425.2	63.4	3	8	13			
BL MAPLE	670.8	100.0		0	1			
TOTAL	*63.7*	*9.5*	*152*	*167*	*183*	*162*	*83*	*41*

BASAL AREA/ACRE

SD: 1	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10
DOUG FIR	94.5	14.1	113	132	150			
WHEMLOCK	114.3	17.0	73	88	103			
R ALDER	207.0	30.9	19	27	35			
WR CEDAR	188.5	28.1	14	19	24			
BIRCH	397.0	59.2	2	4	7			
BL MAPLE	670.8	100.0	0	1	2			
TOTAL	*38.6*	*5.8*	*255*	*271*	*286*	*60*	*30*	*15*

NET BF/ACRE

SD: 1	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10
DOUG FIR	98.9	14.7	30,354	35,602	40,849			
WHEMLOCK	123.2	18.4	12,482	15,289	18,095			
R ALDER	223.0	33.2	1,927	2,886	3,845			
WR CEDAR	197.1	29.4	1,275	1,806	2,337			
BIRCH	403.6	60.2	109	274	439			
BL MAPLE								
TOTAL	*59.8*	*8.9*	*50,880*	*55,856*	*60,832*	*143*	*73*	*36*

TC TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: CNTYLINE

Date 4/19/2006
Time 7:44:48AM

T37N R04E S36 TU001

Twp	Rge	Sec	Tract	Type	Acre	Plots	Sample Trees	CuFt	BdFt
37N	04E	36	COUNTY LINE	U001	15.20	13	64	S	W

T37N R04E S36 TU001

Spp	ST	Sort	Grad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-30	31-35	36-99	Average Log: Ln Ft	Bd Ft	CF/ Lf	Logs Per /Acre
DF		DM	SM	19		12,035	12,035	183				100			100		32	666	3.45	18.1
DF		DM	2S	57	1.0	36,698	36,332	552		1	23	76			100		32	434	2.30	83.6
DF		DM	3S	22	1.7	13,528	13,305	202	1	48	49	2	1	3	96		31	126	0.88	105.8
DF		DM	4S	2	9.2	1,367	1,241	19	27	71	2		26	35	39		13	19	0.43	66.7
DF	**Totals**			90	1.1	63,628	62,913	956	1	12	24	63	1	1	98		27	229	1.53	274.2
WH		DM	2S	71	12.7	5,300	4,625	70			45	55			100		32	325	2.05	14.2
WH		DM	3S	24		1,585	1,585	24		63	37				100		32	113	0.84	14.0
WH		DM	4S	5		279	279	4	41	51	8		30	19	51		14	19	0.36	14.5
WH	**Totals**			9	9.4	7,164	6,489	99	2	17	41	39	1	1	98		26	152	1.25	42.7
RC		DM	3S	79		650	650	10		49	51				100		32	148	1.40	4.4
RC		DM	4S	21		167	167	3	48	52				48	52		28	38	0.44	4.4
RC	**Totals**			1		817	817	12	10	50	41			10	90		30	93	0.95	8.8
Type Totals					1.9	71,609	70,218	1,067	1	13	26	60	1	1	98		27	216	1.48	325.7

TC TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: CNTYLINE

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Date 4/19/2006
Time 7:45:18AM

T37N R07E S36 TU01E

Twp	Rge	Sec	Tract	Type	Acre	Plots	Sample Trees	CuFt	BdFt
37N	07E	36	COUNTY LINE	U01E	9.90	10	48	S	W

T37N R07E S36 TU01E

Spp	ST	Sort	Grad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-30	31-35	36-99	Average Log: Ln Ft	Bd Ft	CF/ Lf	Logs Per /Acre
DF		DM	3P	7	.0	1,632	1,632	16				100			100		32	1134	5.69	1.4
DF		DM	SM	16		3,853	3,853	38				100			100		32	1024	4.75	3.8
DF		DM	2S	52	1.0	12,079	11,958	118			18	82			100		32	457	2.44	26.2
DF		DM	3S	20	1.0	4,618	4,574	45		57	43		1	4	95		31	121	0.88	37.9
DF		DM	4S	5	4.3	1,039	994	10	28	68	4		33		67		16	23	0.35	42.8
DF	**Totals**			54	.9	23,221	23,011	228	1	14	18	67	2	1	98		26	205	1.45	112.0
WH		DM	2S	17		1,604	1,604	16				100			100		32	875	4.05	1.8
WH		DM	3S	58	2.4	5,276	5,148	51		80	12	8			100		32	90	0.58	57.4
WH		DM	4S	25		2,216	2,216	22	59	41			29	7	64		18	23	0.32	97.5
WH	**Totals**			21	1.4	9,097	8,968	89	15	56	7	22	7	2	91		24	57	0.51	156.7
RA		DM	2S	34	9.4	2,312	2,095	21		19	60	21			100		32	208	1.47	10.1
RA		DM	3S	12	11.1	781	694	7		100					100		32	80	0.68	8.7
RA		DM	4S	54	16.0	3,889	3,269	32	16	74	10		6	6	89		21	31	0.44	104.9
RA	**Totals**			14	13.2	6,982	6,058	60	9	58	26	7	3	3	94		22	49	0.58	123.7
RC		DM	3S	76	11.1	2,899	2,577	26		28	37	35			100		32	131	1.26	19.7
RC		DM	4S	24		775	775	8	34	66			37	10	53		19	26	0.35	30.0
RC	**Totals**			8	8.7	3,673	3,352	33	8	36	29	27	9	2	89		24	67	0.82	49.7
BR		DM	4S	100	34.2	1,613	1,062	11	44	56					100		19	17	0.34	61.6
BR	**Totals**			3	34.2	1,613	1,062	11	44	56					100		19	17	0.34	61.6
BM		DM	4S		100.0	599											32		1.06	5.0
BM	**Totals**				100.0	599											32		1.06	5.0
Type Totals					6.0	45,185	42,452	420	7	32	17	44	3	1	95		23	83	0.78	508.6

TC TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: CNTYLINE

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Date 4/19/2006
Time 7:44:22AM

T36N R04E S01 TU002

Twp	Rge	Sec	Tract	Type	Acre	Plots	Sample Trees	CuFt	BdFt
36N	04E	01	COUNTY LINE	U002	26.40	22	119	S	W

T36N R04E S01 TU002

Spp	S T	So rt	Gr ad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-30	31-35	36-99	Average Log: Ln Ft	Bd Ft	CF/ Lf	Logs Per /Acre
WH		DM	2S	46	4.2	11,118	10,651	281			60	40			100		32	286	1.70	37.2
WH		DM	3S	44	4.2	10,302	9,870	261	6	66	28			2	98		32	91	0.69	108.8
WH		DM	4S	10		2,204	2,204	58	77	23			16	51	33		14	16	0.30	139.5
WH	**Totals**			43	3.8	23,624	22,725	600	10	31	40	19	2	6	93		23	80	0.75	285.5
DF		DM	SM	26		6,476	6,476	171				100			100		32	707	3.64	9.2
DF		DM	2S	54	1.4	13,516	13,332	352		2	25	73			100		32	434	2.34	30.7
DF		DM	3S	17	.0	4,254	4,254	112		51	46	3	2	11	87		30	131	0.97	32.4
DF		DM	4S	3	9.0	590	537	14	18	82			39	35	26		16	22	0.41	24.6
DF	**Totals**			47	1.0	24,836	24,598	649	0	12	22	66	1	3	96		27	254	1.70	96.8
RA		DM	2S	13	14.5	524	448	12		32	68				100		32	140	1.15	3.2
RA		DM	3S	33	3.9	1,166	1,121	30		55	45				100		32	151	1.05	7.4
RA		DM	4S	54	26.6	2,435	1,788	47	22	78			9	9	82		24	29	0.43	61.4
RA	**Totals**			6	18.6	4,126	3,358	89	12	64	24		5	5	90		25	47	0.55	72.0
RC		DM	3S	71	13.9	1,494	1,286	34	7	66	14	13		7	93		31	103	1.04	12.5
RC		DM	4S	29	3.6	529	510	13	94	6				55	45		15	16	0.34	32.6
RC	**Totals**			3	11.2	2,023	1,796	47	32	49	10	9		21	79		19	40	0.65	45.1
BR		DM	4S	100		136	136	4	100						100		16	15	0.40	9.1
BR	**Totals**			0		136	136	4	100						100		16	15	0.40	9.1
Type Totals					3.9	54,746	52,613	1,389	7	25	29	39	1	5	94		24	103	0.92	508.5

STATISTICS

PROJECT CNTYLINE

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
37N	04E	36	COUNTY LINE	U001	15.20	13	64	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	13	64	4.9		
CRUISE	13	64	4.9	1,361	4.7
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	55	73.0	24.0	107	50	230.4	63,628	62,913	11,466	11,469
WHEMLOCK	7	12.1	21.1	97	5	29.3	7,164	6,489	1,381	1,381
WR CEDAR	2	4.4	18.7	62		8.4	817	817	252	252
TOTAL	*64*	*89.5*	*23.4*	*104*		*268.1*	*71,609*	*70,218*	*13,099*	*13,103*

SAMPLE TREES - BF

SD: 1	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF TREES REQ. 5	7	INF. POP. 10
DOUG FIR	81.0	10.1	994	1,106	1,218			
WHEMLOCK	355.7	44.5	50	89	129			
WR CEDAR	576.4	72.0	2	6	10			
TOTAL	*69.1*	*8.6*	*1,097*	*1,201*	*1,305*	*191*	*97*	*48*

TREES/ACRE

SD: 1	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10
DOUG FIR	64.4	17.9	60	73	86			
WHEMLOCK	126.6	35.1	8	12	16			
WR CEDAR	250.3	69.4	1	4	7			
TOTAL	*60.3*	*16.7*	*75*	*90*	*105*	*146*	*74*	*36*

BASAL AREA/ACRE

SD: 1	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10
DOUG FIR	44.4	12.3	202	230	259			
WHEMLOCK	122.6	34.0	19	29	39			
WR CEDAR	244.1	67.7	3	8	14			
TOTAL	*37.5*	*10.4*	*240*	*268*	*296*	*56*	*29*	*14*

NET BF/ACRE

SD: 1	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10
DOUG FIR	43.4	12.0	55,335	62,913	70,490			
WHEMLOCK	121.8	33.8	4,297	6,489	8,681			
WR CEDAR	244.2	67.7	264	817	1,369			
TOTAL	*38.0*	*10.5*	*62,816*	*70,218*	*77,621*	*58*	*29*	*14*

STATISTICS

PROJECT CNTYLINE

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
37N	07E	36	COUNTY LINE	U01E	9.90	10	48	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	10	48	4.8		
CRUISE	10	48	4.8	2,017	2.4
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	16	32.6	22.1	94	19	87.1	23,221	23,011	4,161	4,159
WHEMLOCK	10	68.4	12.1	62	12	54.5	9,097	8,968	1,890	1,891
R ALDER	12	46.6	13.7	69		48.0	6,982	6,058	1,610	1,604
WR CEDAR	6	22.8	16.2	61		32.7	3,673	3,352	998	997
BIRCH	3	30.8	9.9	51		16.3	1,613	1,062	399	406
BL MAPLE	1	2.5	20.0	66		5.4	599		169	170
TOTAL	*48*	*203.7*	*14.8*	*67*		*244.0*	*45,185*	*42,452*	*9,227*	*9,227*

SD: 1	COEFF VAR.%	S.E.%	SAMPLE TREES - BF LOW	AVG	HIGH	# OF TREES REQ. 5	7	INF. POP. 10
DOUG FIR	196.3	28.3	327	456	585			
WHEMLOCK	464.9	67.1	24	73	121			
R ALDER	205.6	29.7	30	43	56			
WR CEDAR	337.6	48.7	17	33	49			
BIRCH	405.0	58.5	1	2	4			
BL MAPLE								
TOTAL	*145.6*	*21.0*	*479*	*606*	*734*	*848*	*433*	*212*

SD: 1	COEFF VAR.%	S.E.%	TREES/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10
DOUG FIR	173.0	54.7	15	33	50			
WHEMLOCK	82.9	26.2	50	68	86			
R ALDER	180.2	57.0	20	47	73			
WR CEDAR	181.5	57.4	10	23	36			
BIRCH	247.4	78.2	7	31	55			
BL MAPLE	316.2	100.0	0	2	5			
TOTAL	*55.1*	*17.4*	*168*	*204*	*239*	*121*	*62*	*30*

SD: 1	COEFF VAR.%	S.E.%	BASAL AREA/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10
DOUG FIR	135.7	42.9	50	87	124			
WHEMLOCK	81.6	25.8	40	54	69			
R ALDER	156.1	49.4	24	48	72			
WR CEDAR	161.0	50.9	16	33	49			
BIRCH	225.0	71.1	5	16	28			
BL MAPLE	316.2	100.0	0	5	11			
TOTAL	*45.3*	*14.3*	*209*	*244*	*279*	*82*	*42*	*21*

SD: 1	COEFF VAR.%	S.E.%	NET BF/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10
DOUG FIR	150.2	47.5	12,082	23,011	33,941			
WHEMLOCK	115.3	36.4	5,700	8,968	12,237			
R ALDER	166.4	52.6	2,869	6,058	9,247			
WR CEDAR	175.4	55.5	1,493	3,352	5,211			
BIRCH	226.2	71.5	303	1,062	1,822			
BL MAPLE								
TOTAL	*91.3*	*28.9*	*30,193*	*42,452*	*54,711*	*334*	*170*	*83*

STATISTICS

PROJECT CNTYLINE

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
36N	04E	01	COUNTY LINE	U002	26.40	22	119	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	22	119	5.4		
CRUISE	22	119	5.4	5,246	2.3
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
WHEMLOCK	54	110.9	14.9	69	26	133.7	23,624	22,725	5,000	4,998
DOUG FIR	37	26.2	25.3	106	19	91.6	24,836	24,598	4,467	4,467
R ALDER	19	36.0	13.3	59		34.5	4,126	3,358	1,004	1,004
WR CEDAR	8	21.0	13.1	53		19.8	2,023	1,796	567	567
BIRCH	1	4.5	10.0	60		2.5	136	136	58	58
TOTAL	*119*	*198.7*	*16.1*	*70*		*282.0*	*54,746*	*52,613*	*11,096*	*11,093*

SAMPLE TREES - BF

SD: 1	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF TREES REQ. 5	7	INF. POP. 10
WHEMLOCK	160.3	14.7	140	165	189			
DOUG FIR	175.9	16.1	344	411	477			
R ALDER	262.7	24.1	14	18	23			
WR CEDAR	530.0	48.6	7	13	19			
BIRCH	1090.9	100.0		0	1			
TOTAL	*107.5*	*9.9*	*547*	*607*	*667*	*462*	*236*	*115*

TREES/ACRE

SD: 1	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10
WHEMLOCK	77.6	16.5	93	111	129			
DOUG FIR	115.4	24.6	20	26	33			
R ALDER	201.6	43.0	21	36	51			
WR CEDAR	201.0	42.9	12	21	30			
BIRCH	469.0	100.0	0	5	9			
TOTAL	*54.1*	*11.5*	*176*	*199*	*222*	*117*	*60*	*29*

BASAL AREA/ACRE

SD: 1	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10
WHEMLOCK	84.1	17.9	110	134	158			
DOUG FIR	115.2	24.6	69	92	114			
R ALDER	176.1	37.6	22	35	48			
WR CEDAR	180.9	38.6	12	20	27			
BIRCH	469.0	100.0	0	2	5			
TOTAL	*34.8*	*7.4*	*261*	*282*	*303*	*48*	*25*	*12*

NET BF/ACRE

SD: 1	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10
WHEMLOCK	95.8	20.4	18,082	22,725	27,368			
DOUG FIR	125.1	26.7	18,038	24,598	31,159			
R ALDER	192.5	41.0	1,980	3,358	4,735			
WR CEDAR	183.5	39.1	1,093	1,796	2,499			
BIRCH	469.0	100.0	0	136	272			
TOTAL	*60.0*	*12.8*	*45,878*	*52,613*	*59,348*	*144*	*74*	*36*

TC PSPCTLTCM **Species Summary - Trees, Logs, Tons, CCF, MBF**

T36N R04E S01 TyU002	26.4
T37N R04E S36 TyU001	15.2
T37N R07E S36 TyU01I	9.9

Project CNTYLINE
Acres 51.50

Page No 1
Date: 4/19/2006
Time 7:43:13AM

Species	S T	Total Trees	Total Logs	Total Tons	Net Cubic Ft/ Tree	Net Cubic Ft/ Log	CF/ LF	Total CCF Gross	Total CCF Net	Total MBF Gross	Total MBF Net
DOUG FIR		2,126	7,834	9,502	156.87	42.56	1.60	3,334	3,334	1,853	1,833
WHEMLOCK		3,789	9,737	5,494	45.31	17.63	0.78	1,717	1,717	823	787
R ALDER		1,412	3,126	1,167	30.02	13.56	0.58	424	424	178	149
WR CEDAR		848	1,817	674	33.80	15.78	0.75	287	287	102	93
BIRCH		425	849		13.06	6.53	0.36	55	55	20	14
BL MAPLE		25	49	44	68.00	34.00	1.06	17	17	6	
Totals		8,624	23,412	16,882	67.65	24.92	1.05	5,834	5,834	2,981	2,877

Wood Type Species	Total Trees	Total Logs	Total Tons	Net Cubic Ft/ Tree	Net Cubic Ft/ Log	CF/ LF	Total CCF Gross	Total CCF Net	Total MBF Gross	Total MBF Net
C	6,762	19,388	15,671	78.93	27.53	1.14	5,338	5,338	2,778	2,714
H	1,861	4,024	1,211	26.66	12.33	0.55	496	496	204	163
Totals	8,624	23,412	16,882	67.65	24.92	1.05	5,834	5,834	2,981	2,877

PRE-CRUISE NARRATIVE

Sale Name:	County Line Resale	**Region:**	NW
App.#:	075687	**District:**	Baker
Contact forester:	Kevin Killian	**Phone/ location:**	360-856-3478
Alternate contact:		**Phone/ location:**	

UNIT ACREAGES AND METHOD OF DETERMINATION:

Unit #	Legal Descr. Sec/Twp/Rng	Grant	Gross acres	Net acres	Method of acreage determination (compass chain traverse, photo, declination used, etc)	Error of closure
1A	1/36/4E		5.2	5.2	Laser/chain traverse	1:119
1B	36/37/4E		5.2	5.2	GPS	N/A
1C	36/37/4E		1.8	1.8	Laser/chain traverse	1:169
1D	36/37/4E		3.0	3.0	Laser/chain traverse	?
1E	36/37/4E		9.9	9.9	Laser/chain traverse	?
2A	1/36/4E		2.6	2.6	Laser/chain traverse	1:249
2B	1/36/4E		12.2	12.2	Laser/chain traverse	1:666
2C	1/36/4E		11.6	11.6	Laser/chain traverse	1:120
Total			51.5	51.5		

HARVEST PLAN AND SPECIAL CONDITIONS:

Unit #	Harvest prescription: (mark leave, take, etc)	Special management areas:	Other conditions (# leave trees, etc.)
1A	Take all timber except leave trees marked with blue paint	None.	~ 48 marked leave trees.
1B	Same as above	None.	~ 48 marked leave trees
1C	Same as above	None.	~ 17 marked leave trees
1D	Same as above	None.	~ 27 marked leave trees
1E	Same as above	None.	~ 110 marked leave trees
2A	Same as above	None.	~ 26 marked leave trees
2B	Same as above	None.	~122 marked leave trees
2C	Same as above	None.	~116 marked leave trees

OTHER PRE-CRUISE INFORMATION:

Unit #	Estimated Volume	Access information (Gates, locks, etc.)	Photos, traverse maps required
1A	356 MBF	Access is off of ML-1000 F1-2 lock on gate.	Traverse maps attached. 2003 color aerial photo flight lines: 58:47:8-11

1B	356 MBF	Access is off of ML F1-2 lock on gate.	Same as above.
1C	116 MBF	Access is off of ML F1-2 lock on gate.	Same as above.
1D	194 MBF	Access is off of ML F1-2 lock on gage.	Same as above.
1E	576 MBF	Access is off of ML F1-2 lock on gate.	Same as above.
2A	168 MBF	Access is off of ML F1-2 lock on gate.	Same as above.
2B	789 MBF	Access is off of ML F1-2 lock on gate.	Same as above.
2C	750 MBF	Access is off of ML F1-2 lock on gate.	Same as above.

REMARKS:

The sale was traversed several years ago. The traverse points may not be visible any more, with the exception of the RMZ on the type 4 stream that runs through unit 1E; this was traversed yesterday (March 22), the points are marked with blue ribbon on the ground.

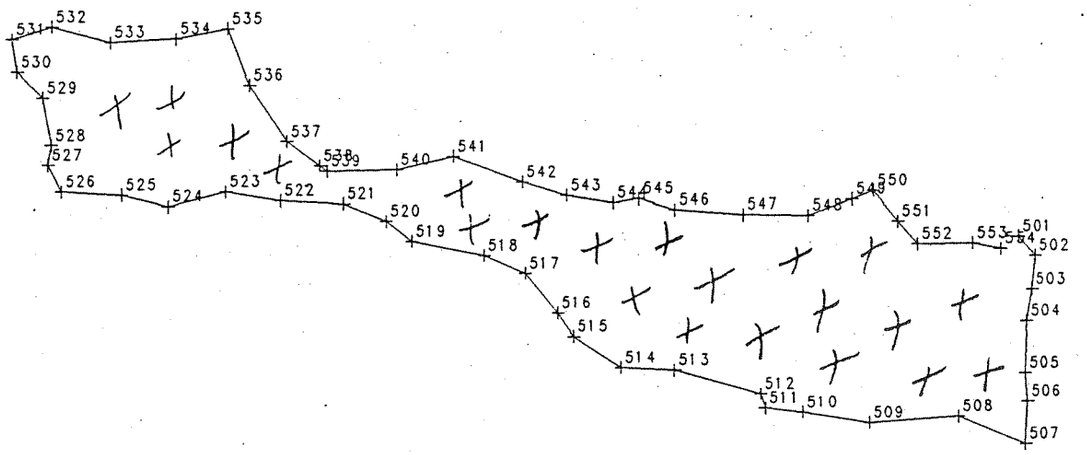
Prepared by: Kevin Killian

Title: Hamilton Unit Forester

CC:

N

UNIT 2C



11.6 AC

X= SCATTERED LEAVE TREES

Area 5

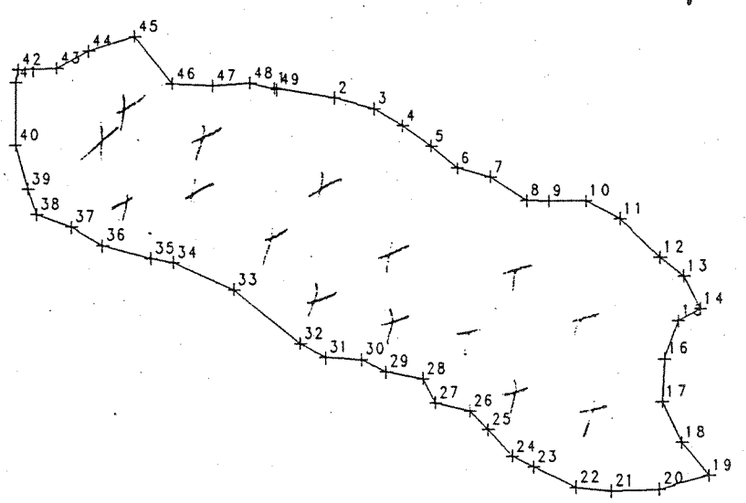
SCALE: 330 ft/in

A-2

N

* STATIONS ARE MARKED WITH RED FLAGGING (NO PINK)

UNIT 2B



12.2 AC

X- SCATTERED LEAVE TREES

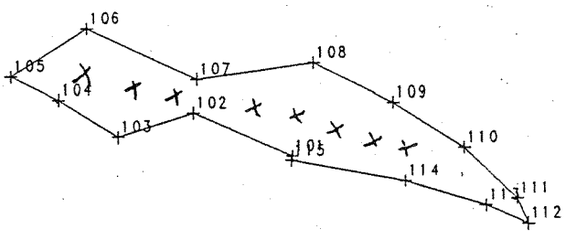
Area 2

SCALE: 330 ft/in

A-1

N

UNIT 2A



2.6 AC

X - SCATTERED LEAVE TREES

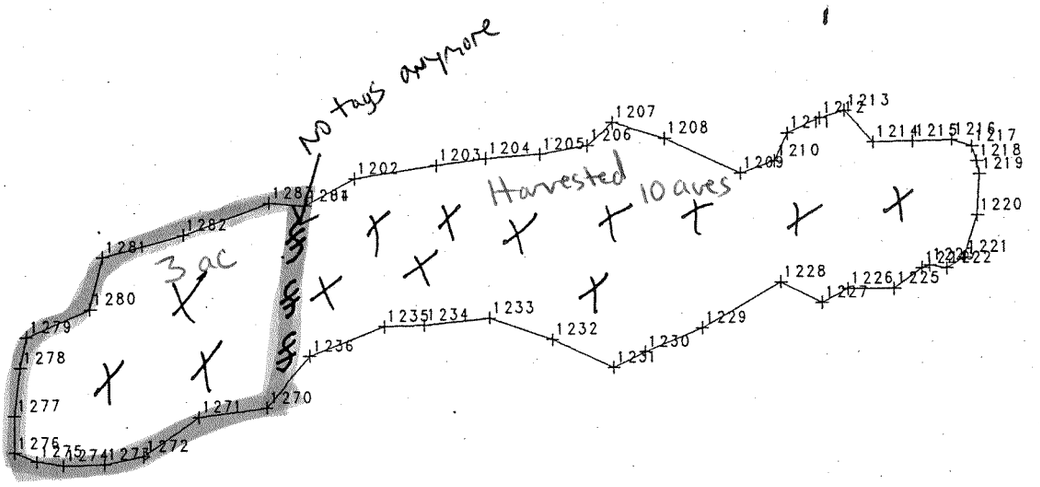
Area 1

SCALE: 330 ft/in

A-12

N

UNIT ID - 3ac.



13 AC total

~~HELICOPTER TAGS (AA)~~ - gone

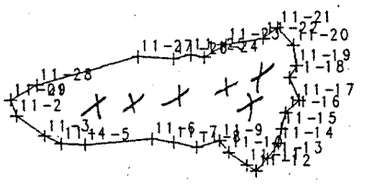
X - SCATTERED LEAVE TREES

Area 12

SCALE: 330 ft/in

N

UNIT 1C



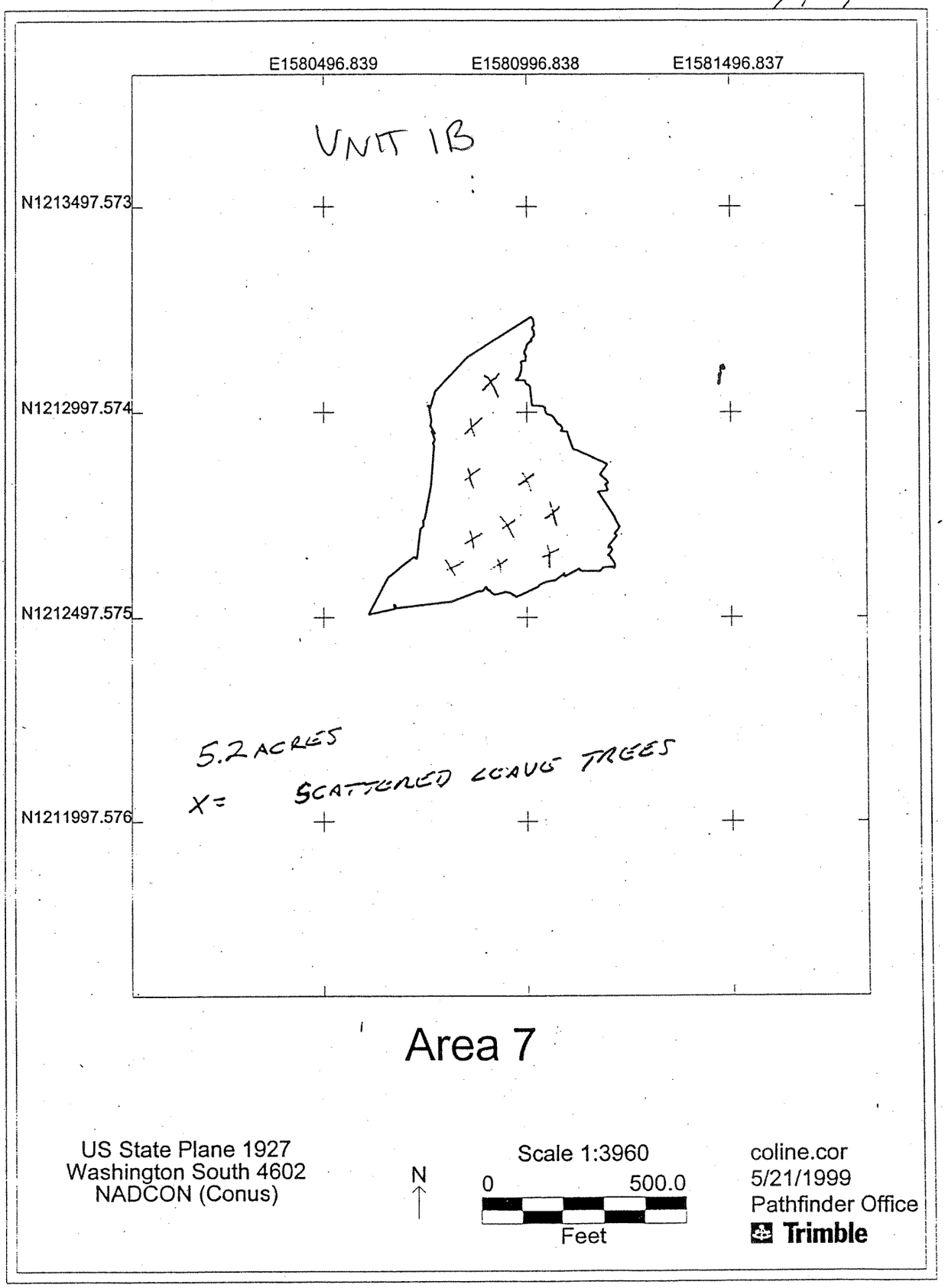
1.8 AC

X = SCATTERED LEAVE TREES

Area 11

SCALE: 330 ft/in

A-7



Area 7

US State Plane 1927
Washington South 4602
NADCON (Conus)

N

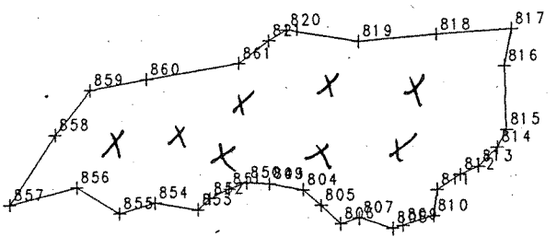
Scale 1:3960
0 500.0
Feet

coline.cor
5/21/1999
Pathfinder Office
Trimble

A-8

N

UNIT 1A



5.2 AC

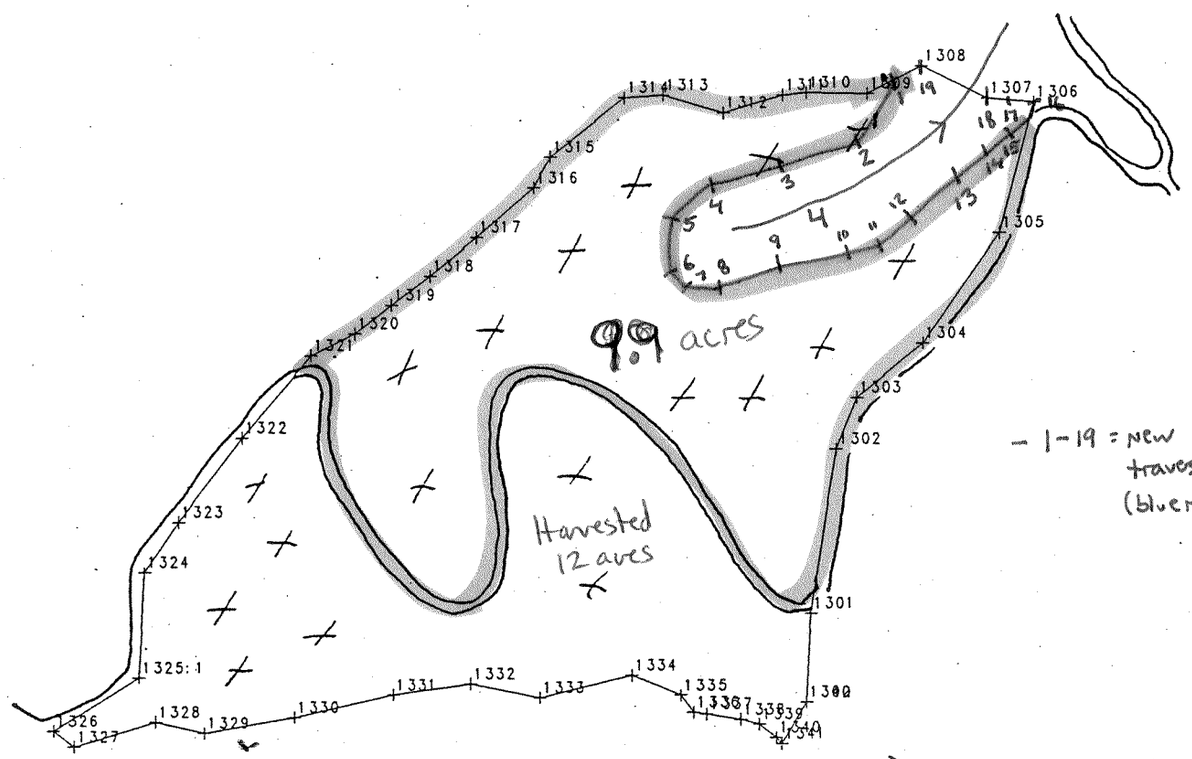
X = SCATTERED LEAVE TREES

Area 8

SCALE: 330 ft/in

AREA-13 A-13

UNIT 1E 9.9 aves



- 1-19 = new traverse pts (blue ribbon

TRAVERSE = 29 AC
- 5 AC ROADS + CLUMP (4 AC. Rd + 1 AC CLUMP)
Leave tree clump is gone
24 AC

24 AC.

X = 160 RESERVE TREES - SCATTERED

5 X 5 X 5 = 32 CLUMPED RESERVE TREES

Area 13 SCALE: 330 ft/in

Acreage Calculation Sheet: County Line Resale

K. Killian

March 22, 2006

Unit	Gross acres	Deductions	Net acres
1A	5.2	None	5.2
1B	5.2	None	5.2
1C	1.8	None	1.8
1D	13	10 acres harvested*	3.0
1E	29	4 acres road 12 acres harvested* 3.1 acres new RMZ*	9.9

* harvested acres and new RMZ acres were traversed
I don't know how the road acreage was determined

1~~A~~	2.6	None	2.6
1B	12.2	None	12.2
1C	11.6	None	11.6
			51.5